

Neste in brief

Neste (NESTE, Nasdaq Helsinki) creates sustainable choices for the needs of transport, businesses and consumers. Our global range of products and services allows customers to reduce their carbon footprint by combining high-quality renewable products and oil products to tailor-made service solutions. We are the world's largest producer of renewable diesel refined from waste and residues, and we are also bringing renewable solutions to the aviation and plastics industries. We want to be a reliable partner, whose expertise, R&D and sustainable practices are widely respected. In 2016, Neste's net sales stood at EUR 11.7 billion, and we were on the Global 100 list of the 100 most sustainable companies in the world.

[Read more at neste.com](http://neste.com)

Nessol™ Solvents

Low aromatic hydrocarbon solvents



Hydrocarbon solvents

Typical properties

We provide clean low-aromatic and aromatic-free hydrocarbon-based solvents for industrial use. Typical applications include manufacturing of paints and glues, cleaning, degreasing, extraction processes and rubber industry. Our long experience and reliable and flexible deliveries make us a partner that you can depend on.

** New product name		* Old product name	Low Aromatic Solvents		Dearomatised Solvents							
PROPERTY	METHOD	UNIT	NESSOL 40** NESSOL LI 200*	NESSOL 60** NESSOL LI 220 (HF)*	NESSOL Pentane 15** NESSOL LI 36*	NESSOL Hexane** NESSOL LIAV 75*	NESSOL Heptane** NESSOL LIAV 110*	NESSOL D40** NESSOL LIAV 200*	NESSOL D60** NESSOL LIAV 230*	NESSOL D80** NESSOL LIAV 250*	NESSOL D100** NESSOL LIAV 270*	NESSOL D100+** NESSOL LIAV 300*
Appearance	ASTM D 4176-1		clear & bright	clear & bright	clear & bright	clear & bright	clear & bright	clear & bright	clear & bright	clear & bright	clear & bright	clear & bright
Colour	ASTM D 6045		+30	+30	+30	+30	+30	+30	+30	+30	+30	+30
Density at +15°C	EN ISO 12185	kg/m ³	786	800	631	682	723	777	792	811	817	819
Flash point	APcc	°C	> 39					> 38				
	PMcc	°C	47	> 61				51	> 61	> 76	> 90	> 90
Distillation	Initial boiling point	°C	159	176		63	89	159	180	205	233	233
	50 vol %	°C	169					169				
	final boiling point	°C	198	222					221	243	272	296
	dry point	°C	195	219	36	72	101	196	219	242		
Sulphur	EN ISO 20846	mg/kg	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Aromatics	UOP495	vol %						0,02	0,004	0,03	0,17	0,15
	NM 124 (UV)	vol %			< 0.01	< 0.01	< 0.05					
	IP 391 (HPLC)	vol %	14	17								
Benzene	NM 111 (GC/MS)	mg/l	< 1	< 1				< 1	< 1	< 1	< 1	
	NM 124 (UV)	vol %				< 0.001	< 0.001					
Bromine index	EN 12177	mg/kg			10							
n-Hexane	ASTM D 2710	mg Br/100g	97	104				< 20	< 20	< 20		
Doctor test	EN 14517	wt %				35	0.8					
Aniline point	ASTM D 4952		negative	negative	negative	negative	negative	negative	negative	negative	negative	negative
Kauri-butanol value	ISO 2977	°C	55	59				66	70	72		
Copper corrosion	ASTM D 1133		37	35				33	30	30	28	
Smoke point	EN ISO 2160		1a	1a	1a	1a	1a	1a	1a	1a		
Viscosity at +20°C	ASTM D 1322	mm							31	29		
Viscosity at +40°C	EN ISO 3104	mm ² /s	1.2	1.7				1.3	1.8	2.5	3.6	4.1
Refractive index at +20°C	EN ISO 3104	mm ² /s	1.0	1.2				1.1	1.3	1.8		2.6
Autoignition temperature	ASTM D 1218		1.437	1.444				1.429	1.437	1.445		
	ASTM E 659	°C	240	240	270	260	260	240	240	240	240	240

These values are typical and do not constitute a specification.